

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005519.D
 Acq On : 02 Aug 2021 13:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080221

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:39 PM

Quant Time: Aug 03 04:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	337918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	445822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	402686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	158687	46.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.728	113	149567	59.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.840%
50) Toluene-d8	10.185	98	545317	52.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.483	95	178524	51.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	112921	40.686	ug/l	100
3) Chloromethane	2.119	50	149136	44.984	ug/l	99
4) Vinyl Chloride	2.259	62	179518	45.207	ug/l	100
5) Bromomethane	2.656	94	122401	46.829	ug/l	99
6) Chloroethane	2.802	64	116302	48.520	ug/l	98
7) Trichlorofluoromethane	3.137	101	248787	46.793	ug/l	100
8) Diethyl Ether	3.540	74	92693	49.917	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	144594	50.138	ug/l	99
10) Methyl Iodide	4.100	142	180936	50.359	ug/l	97
11) Tert butyl alcohol	4.972	59	74416	220.070	ug/l	100
12) 1,1-Dichloroethene	3.881	96	145641	50.011	ug/l	97
13) Acrolein	3.741	56	51611	252.972	ug/l	97
14) Allyl chloride	4.491	41	262995	51.561	ug/l	98
15) Acrylonitrile	5.180	53	232059	243.842	ug/l	99
16) Acetone	3.960	43	180095	208.828	ug/l	96
17) Carbon Disulfide	4.204	76	447997	49.904	ug/l	98
18) Methyl Acetate	4.491	43	102667	45.518	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	458435	50.815	ug/l	100
20) Methylene Chloride	4.728	84	193130	57.396	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	164666	50.575	ug/l	98
22) Diisopropyl ether	6.131	45	554017	52.650	ug/l	99
23) Vinyl Acetate	6.070	43	1785146	254.918	ug/l	100
24) 1,1-Dichloroethane	6.027	63	305415	52.373	ug/l	99
25) 2-Butanone	6.996	43	289536	227.121	ug/l	98
26) 2,2-Dichloropropane	6.990	77	266220	49.967	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	191257	51.648	ug/l	99
28) Bromochloromethane	7.344	49	120819	51.909	ug/l	97
29) Tetrahydrofuran	7.356	42	196863	233.476	ug/l	99
30) Chloroform	7.514	83	303749	51.033	ug/l	99
31) Cyclohexane	7.795	56	282739	48.190	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	275353	50.326	ug/l	99
36) 1,1-Dichloropropene	7.923	75	232572	55.619	ug/l	99
37) Ethyl Acetate	7.088	43	135392	53.447	ug/l	100
38) Carbon Tetrachloride	7.911	117	245197	53.953	ug/l	99
39) Methylcyclohexane	9.185	83	264860	49.786	ug/l	99
40) Benzene	8.167	78	599598	50.074	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	74389m	54.122	ug/l	
42) 1,2-Dichloroethane	8.246	62	191135	49.210	ug/l	100
43) Isopropyl Acetate	8.283	43	230109	47.980	ug/l	100
44) Trichloroethene	8.947	130	162965	49.865	ug/l	99
45) 1,2-Dichloropropane	9.222	63	151801	50.673	ug/l	99
46) Dibromomethane	9.313	93	81977	49.491	ug/l	99
47) Bromodichloromethane	9.502	83	208488	50.292	ug/l	99
48) Methyl methacrylate	9.301	41	104584	48.252	ug/l	98
49) 1,4-Dioxane	9.307	88	20361	884.473	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	605991	239.929	ug/l	100
52) Toluene	10.246	92	379718	49.732	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	230567	49.767	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	254568	50.631	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	118253	49.341	ug/l	98
56) Ethyl methacrylate	10.514	69	177398	49.433	ug/l	99
57) 1,3-Dichloropropane	10.794	76	210417	49.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	444465	259.202	ug/l	99
59) 2-Hexanone	10.837	43	422484	236.665	ug/l	100
60) Dibromochloromethane	10.989	129	146714	49.465	ug/l	99
61) 1,2-Dibromoethane	11.093	107	111402	49.070	ug/l	98
64) Tetrachloroethene	10.721	164	148239	48.362	ug/l	98
65) Chlorobenzene	11.520	112	409739	50.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	155841	51.097	ug/l	99
67) Ethyl Benzene	11.599	91	744565	50.672	ug/l	100
68) m/p-Xylenes	11.709	106	576173	100.956	ug/l	99
69) o-Xylene	12.032	106	276392	50.387	ug/l	99
70) Styrene	12.044	104	471124	51.025	ug/l	99
71) Bromoform	12.209	173	96741	48.912	ug/l	98
73) Isopropylbenzene	12.331	105	721768	50.386	ug/l	100
74) N-amyl acetate	12.148	43	218037	50.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	138417	50.239	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	101733m	47.838	ug/l	
77) Bromobenzene	12.611	156	177115	50.326	ug/l	98
78) n-propylbenzene	12.672	91	869146	51.086	ug/l	99
79) 2-Chlorotoluene	12.757	91	487976	51.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	603654	50.778	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	51294	48.622	ug/l	96
82) 4-Chlorotoluene	12.855	91	499176	50.499	ug/l	100
83) tert-Butylbenzene	13.081	119	542649	50.870	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	596645	50.864	ug/l	99
85) sec-Butylbenzene	13.257	105	781690	50.805	ug/l	100
86) p-Isopropyltoluene	13.373	119	670384	50.749	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	344215	50.125	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	339585	49.848	ug/l	99
89) n-Butylbenzene	13.696	91	608043	50.808	ug/l	100
90) Hexachloroethane	13.965	117	122131	51.424	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	304569	50.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25200	48.248	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	210899	50.615	ug/l	99
94) Hexachlorobutadiene	15.117	225	136488	50.590	ug/l	100
95) Naphthalene	15.239	128	416381	50.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	188476	51.058	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

